

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 40   | visual and transparent and visibil\$4 and overlay and merge                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:29 |
| S2    | 0    | (visual and transparent and visibil\$4 and overlay and merge) and ((345/136).ccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:29 |
| S3    | 0    | (visual and transparent and visibil\$4) and ((345/136).ccls.)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:30 |
| S4    | 0    | (visual and transparent and visibil\$4) and ((345/113).ccls.)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:30 |
| S5    | 4    | (visual and transparent and visibil\$4 and overlay and merge) and ((345/629).ccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/20 08:49 |
| S6    | 2182 | visual and transparent and visibil\$4 and layer                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:50 |
| S7    | 9    | (visual and transparent and visibil\$4 and layer) and ((345/629).ccls.)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:52 |
| S8    | 3    | (visual and transparent and visibil\$4 and layer) and ((345/619).ccls.)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:55 |
| S9    | 4    | (visual and transparent and visibil\$4) and ((345/619).ccls.)                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2003/03/13 10:57 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S10 | 0    | (visual and transparent and visibil\$4 and overlay and merge) and ((345/619).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/13 10:57 |
| S11 | 4    | (visual and transparent and visibil\$4 and overlay and merge) and ((345/629).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 07:47 |
| S12 | 14   | (visual and transparent and visibil\$4) and ((345/629).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:46 |
| S13 | 0    | (visual and transparent and visibil\$4 and overlay and merge) and ((345/640).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:47 |
| S14 | 4071 | visual and transparent and visibil\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:47 |
| S15 | 0    | (visual and transparent and visibil\$4) and (visual and transparent and visibil\$4 and overlay and merge) and ((345/640).cccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:50 |
| S16 | 0    | (visual and transparent and visibil\$4) and ((345/640).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:50 |
| S17 | 14   | (visual and transparent and visibil\$4) and ((345/629).cccls.)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON | 2003/03/20 08:50 |
| S18 | 1    | (david near2 dwyer) and (michelle near2 covert) and (aaron near2 gannon)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/04 14:17 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S19 | 21    | (david near2 dwyer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/04 14:17 |
| S20 | 1     | (michelle near2 covert)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/04 14:22 |
| S21 | 4     | (aaron near2 gannon)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/04 14:21 |
| S22 | 4     | (visual and transparent and visibil\$4<br>and overlay and merge) and<br>((345/629).cccls.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/09/18 13:12 |
| S23 | 13    | (visual and transparent and visibil\$4<br>and layer) and ((345/629).cccls.)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:50 |
| S24 | 9     | S23 and @ad <= "20010412"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/09/18 13:13 |
| S25 | 881   | ((345/629).cccls.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:54 |
| S26 | 64013 | ((("345"/\$)!cccls.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:54 |
| S27 | 48767 | S26 and @ad <= "20010412"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:54 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S28 | 2038 | S27 and navigat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:55 |
| S29 | 0    | S28 and visual and transparent and visibil\$4 and overlay and merge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2006/04/14 13:54 |
| S30 | 0    | S28 and transparent and visibil\$4 and overlay and merge            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:55 |
| S31 | 101  | S28 and transparent and visibil\$4                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:56 |
| S32 | 12   | S28 and transparent and visibil\$4 and overlay                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2005/04/04 14:56 |
| S33 | 5    | (displaying) adj4 (multi near operation)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:42 |
| S34 | 71   | (graphic) adj4 (multi near operation)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:25 |
| S35 | 68   | S34 and @ad <= "20010412"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:25 |
| S36 | 0    | S35 and automation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:23 |

## EAST Search History

|     |    |                                       |   |    |    |                  |
|-----|----|---------------------------------------|---|----|----|------------------|
| S37 | 68 | S35 and control                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:23 |
| S38 | 0  | S37 and visual                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:23 |
| S39 | 5  | (visual) adj4 (multi near operation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:25 |
| S40 | 5  | (visual) adj7 (multi near operation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:25 |
| S41 | 73 | (graphic) adj7 (multi near operation) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:25 |
| S42 | 1  | S41 and @prad <= "20010412"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:27 |
| S43 | 70 | S41 and @ad <= "20010412"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:37 |
| S44 | 0  | S43 and presentation                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:28 |

## EAST Search History

|     |    |                           |   |    |    |                  |
|-----|----|---------------------------|---|----|----|------------------|
| S45 | 51 | S43 and representation    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:28 |
| S46 | 46 | S45 and overlap\$5        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:29 |
| S47 | 46 | S46 and transparen\$5     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:37 |
| S48 | 0  | S47 and superimpos\$5     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:30 |
| S49 | 0  | S47 and navig\$7          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:31 |
| S50 | 0  | S47 and naviga7           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:37 |
| S51 | 0  | S47 and navaga7           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:37 |
| S52 | 46 | S46 and @ad <= "20010412" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/30 12:44 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S53 | 740 | monitoring near3 flights                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/30 12:42 |
| S54 | 1   | S53 and (displaying) adj4 (graphic)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/30 12:44 |
| S55 | 167 | S53 and displaying   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/30 12:44 |
| S56 | 95  | S55 and @ad <= "20010412"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/30 13:49 |
| S57 | 2   | ("4893116").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/30 13:49 |
| S58 | 109 | visual and transparent and visibil\$4<br>and overlay and merge | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/04/14 13:54 |
| S59 | 51  | S58 and @ad <= "20010412"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/04/14 14:16 |
| S60 | 45  | S59 and mode   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/04/14 14:03 |
| S61 | 39  | S60 and layer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2006/04/14 13:55 |

## EAST Search History

|     |    |                                       |   |    |    |                  |
|-----|----|---------------------------------------|---|----|----|------------------|
| S62 | 2  | S61 and sensor                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 13:55 |
| S63 | 20 | S59 and interrupt and dynamically     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:16 |
| S64 | 20 | S63 and (overlap\$4 or superimpos\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:09 |
| S65 | 20 | S64 and region                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:14 |
| S66 | 11 | S65 and categor\$5                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:05 |
| S67 | 16 | S63 and pop\$5                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:10 |
| S68 | 7  | S63 and pop-up                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:10 |
| S69 | 0  | disk adj3 defragmener                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:16 |
| S70 | 28 | disk adj3 defragmenter                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:16 |
| S71 | 15 | S70 and @ad <= "20010412"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:16 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S72 | 1  | S71 and interrupt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/14 14:16 |
| S73 | 18 | superimpose and visual and transparent and visibil\$4 and overlay and merge and predefin\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 13:15 |
| S74 | 13 | S73 and @ad <= "20010412"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 13:15 |
| S75 | 36 | superimpose and visual and visibil\$4 and merge and predefin\$3                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 13:15 |
| S76 | 26 | S75 and @ad <= "20010412"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/18 13:15 |